

**REMARKS**

**A. The Section 102 Rejections of Claims 1-5, 10-15 and 19-22**

Claims 1-5, 10-15 and 19-22 were rejected under 35 U.S.C. §102(e) as being unpatentable over Eldering, U.S. Patent Application Publication No. 2005/0193410 (“Eldering”). Applicants respectfully disagree and traverse these rejections for at least the following reasons.

Each of the claims of the present invention includes the feature of transmitting/supplying one or more program streams (“transmissions”) from a head end node to one or more egress nodes via a switched network. Eldering does not disclose such transmissions.

Instead, Eldering appears to disclose known Internet, cable television and satellite networks none of which are a “switched network” as in the claims of the present invention. In the Office Action the Examiner directs the Applicants to Fig. 4, element 306 as disclosing a “switched network” (it is presumed). However, nothing in Fig. 4 nor in the description of this figure in the text of Eldering describes it as a switched network.

Because Eldering does not disclose each of the features of claims 1-5, 10-15 and 19-22 it cannot anticipate these claims under 35 U.S.C. §102(e). Accordingly, Applicants respectfully request withdrawal of the rejections and allowance of claims 1-5, 10-15 and 19-22.

**B. The Section 103 Rejection of Claims 6-9 and 16-18**

Claims 6-9 and 16-18 were rejected under 35 U.S.C. §103(a) as being unpatentable over Eldering in view of U.S. Patent No. 5,544,161 to Bigham et al., (“Bigham”). Applicants respectfully disagree and traverse these rejections for at least the following reasons.

Initially, Applicants note that claims 6-9 and 16-18 depend on either independent claim 1 or 12 and are therefore patentable over the combination of Eldering and Bigham for the reasons set forth above with respect to claims 1 and 12 because Bigham does not overcome the deficiencies of Eldering.

In addition, Applicants respectfully submit that the combination of Eldering and Bigham does not suggest the subject matter of claims 6-9 and 16-18 because each of these claims requires: (a) transmitting/supplying one or more program streams from a head end node to one or more egress nodes via a switched network; and (b) an ATM-based switched network where “N program streams are encapsulated in Internet Protocol (“IP”) packets for transmission in the ATM-based network.”

As indicated above Eldering does not disclose a switched network, much less an ATM switched network. Though Bigham discloses an ATM network, it does not disclose or suggest the transmission of one or more program streams *from* a head end node to one or more egress nodes via a switched network, as in the claims of the present invention. Rather, Bigham’s transmissions appear to be over an ATM network *to* a head-end (e.g., broadcast consolidation section 100, see column 10, lines 54-55).

In sum, Applicants respectfully submit that the subject matter of claims 6-9 and 16-18 would not have been obvious to one of ordinary skill in the art at the time the present application was filed from a reading of the disclosures of Eldering and Bigham.

Applicants respectfully request withdrawal of the pending rejections and allowance of claims 6-9 and 16-18.

**C. The Section 103 Rejection of Claim 22**

Claim 22 was rejected under 35 U.S.C. §103(a) as being unpatentable over Eldering in view of the Examiner's Official Notice. Applicants respectfully disagree and traverse this rejection for at least the following reasons.

Applicants note that claim 22 depends on claim 20 and is therefore patentable over the combination of Eldering and the Examiner's Official Notice for the reasons set forth above with respect to claim 20 and because the Examiner's Official Notice does not overcome the deficiencies of Eldering.

Applicants respectfully request withdrawal of the pending rejection and allowance of claim 22.

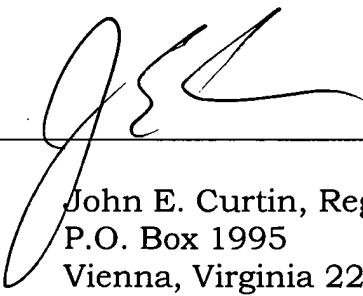
In the event this Response does not place the present application in condition for allowance, Applicants request that the Examiner contact the undersigned at (703) 266-3330 to schedule a personal interview.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 50-3777 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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By



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JEC: